

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-6. (Canceled)

7. (Currently Amended) ~~A method according to Claim 1:~~ A method of estimating reserve life for a battery, the method comprising:
adaptively modifying a model of battery reserve life that is a function of a SOH indicator responsive to intermittent capacity tests of the battery;
monitoring the SOH indicator for the battery to generate SOH indicator values; and
generating estimates of reserve life from the generated SOH indicator values according to the adaptively modified model of battery reserve life.

wherein the adaptively modified model of battery reserve life comprises a first adaptively modified model of battery reserve life;

wherein monitoring the SOH indicator to generate SOH indicator values comprises monitoring a first SOH indicator during a first time interval to generate first SOH indicator values for the first time interval;

wherein generating estimates of reserve life from the generated SOH indicator values according to the adaptively modified model of battery reserve life comprises generating estimates of reserve life for the first time interval from the generated first SOH indicator values for the first time interval; and

wherein the method further comprises:

monitoring a second SOH indicator to generate second SOH indicator values for a second time interval; and

generating estimates of reserve life from the generated second SOH indicator values according to a second model of battery reserve life.

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